

The Woodpecker™ - Total Hip Broaching System

"You cannot imagine returning to the Hammer"



- The **Woodpecker™** - Total Hip Broaching System, developed in Switzerland in 1992 by Integral Medizintechnik AG [IMT Switzerland], is used by Orthopaedic Surgeons worldwide.
- The **Woodpecker™** represents an advancement of the Total Hip Arthroplasty [THA] procedure with over 5000 systems in use today.
- The **Woodpecker™** is used for Femoral Broaching.
- The **Woodpecker™** is a Percussion 2 Pneumatic Oscillating System.
- The **Woodpecker™** is easily adaptable to work with most of the hip broaching systems.

Surgical Technique

- The **Woodpecker™** can be used both as a rasp for prosthetic device operations and as an intermedullary pin implantation and extraction machine. The high-frequency axial impulses of the instrument substantially reduce operating time. At the same time, avoiding a none physiological build up of pressure in the bone.



The low weight of the instrument and the low force needed to manipulate it virtually rule out user fatigue. The surgeon is therefore able to concentrate entirely on the operation, consequently improving precision.

- Accurately fitting modelling of the medullary space can be achieved thanks to the axial movements backwards and forwards. Gaps between the bone and prosthetic device shaft are avoided.

- The extremely low-level pulses of the **The Woodpecker™** reduce the intra-osseous pressure.

Why is **The Woodpecker™** better than the hammer?

- 70Hz oscillation frequency reduces head pressure, optimizes cutting efficiency and minimizes the need for patient restraint.
- Bone marrow emboli risk is decreased.
- Easier to use and minimizes user fatigue compared to traditional THA procedures. Allows the surgeon to position and control the broach using both hands.
- Forwards and backwards axial movements achieve accurate modelling of medullary space.
- Used as a broaching device for extraction of intermedullary nails.
- Adaptable to work with all hip systems.



For more details, please contact:

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